

## REMARKS

Enclosed herewith is a Petition to extend the term for response to the Office communication mailed 11/21/02 by one month from 12/21/02 to 01/21/03.

The Examiner is requested to acknowledge receipt of the Information Disclosure Statement (and PTO-1449 and cited documents).

The Examiner is requested to acknowledge receipt of a certified copy of FR 00 12222 filed September 26, 2000.

Claims 1 to 20 are subject to a restriction requirement between Invention [I] to claims 1 to 19 drawn to an electric transformer winding and Invention [II] to claim 20 drawn to a method of making an electric transformer winding.

The applicant elects with traverse Invention [I]. Claim 20, Invention [II] is canceled with the reservation that a divisional application may be filed in due course.

Enclosed herewith are new claims 21 to 27 directed to the elected invention.

Enclosed herewith are paragraphs [0007] and [0040] and claims 4, 5, 6, 17 as amended and with a clean copy thereof. The amendment to paragraphs [0007] and [0040] and claims 4, 5, 6, 7 and 17 is to correct typographical and grammatical errors and to recite the text in accordance with US patent practice.

Respectfully submitted,

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Clean copy of claims 4, 5, 6, and 17 as amended:

4. The electric winding according to claim 1 comprising a plurality of juxtaposed plates, each plate bearing a spiral-wound electric conductor, the spirals of the electric conductor present an identical gyration, but are wound from outside in on one plate and from the inside out on the adjacent plate.

41 5. The electric winding according to claim 2 comprising a plurality of juxtaposed plates, each plate bearing a spiral-wound electric conductor, the spirals of the electric conductor present an identical gyration, but are wound from outside in on one plate and from the inside out on the adjacent plate.

6. The electric winding according to claim 3 comprising a plurality of juxtaposed plates, each plate bearing a spiral-wound electric conductor, the spirals of the electric conductor present an identical gyration, but are wound from outside in on one plate and from the inside out on the adjacent plate.

42 17. The electric winding according to claim 1 wherein the sides of each plate comprise means for assembling the adjacent disks to one another and maintaining a filling space between them for an electric insulator of high thermal conductivity.

Claims 4, 5, 6, and 17 as amended to indicate the amendment:

4. The electric winding according to [one of] claim 1 comprising a plurality of juxtaposed plates, each plate bearing a spiral-wound electric conductor, [and in that] the spirals of the electric conductor present an identical gyration, but are wound from outside in on one plate and from the inside out on the adjacent plate.

5. The electric winding according to [one of] claim 2 comprising a plurality of juxtaposed plates, each plate bearing a spiral-wound electric conductor, [and in that] the spirals of the electric conductor present an identical gyration, but are wound from outside in on one plate and from the inside out on the adjacent plate.

6. The electric winding according to [one of] claim [1] 3 comprising a plurality of juxtaposed plates, each plate bearing a spiral-wound electric conductor, [and in that] the spirals of the electric conductor present an identical gyration, but are wound from outside in on one plate and from the inside out on the adjacent plate.

17. The electric winding according to claim 1 wherein the sides [of each] of each plate comprise means for assembling the adjacent disks to one another and maintaining a filling space between them for an electric insulator of high thermal conductivity.

Add new claims 21 to 27, as follows:

21. The electric winding of claim 2 wherein adjacent spiral-shaped grooves are separated by an insulator.

22. The electric winding of claim 1 wherein the electric conductor is an insulated conductor.

23. The electric winding of claim 1 wherein the electric conductor is provided with insulation between the turns.

24. The electric winding of claim 4 wherein an electric current formed in the conductors create a magnetic field in each plate, the magnetic fields being additive.

25. The electric winding of claim 5 wherein an electric current formed in the conductors create a magnetic field in each plate, the magnetic fields being additive.

26. The electric winding of claim 6 wherein an electric current formed in the conductors create a magnetic field in each plate, the magnetic fields being additive.

27. An electric winding comprising:

- (a) a plurality of juxtaposed plates, each plate having a spiral-wound electric conductor;
- (b) the spirals of the conductor being substantially the same;
- (c) the conductors being wound from outside on one plate and from inside out on the juxtaposed plate;
- (d) each of the plurality of plates having a spiral-shaped groove in which conductor is accommodated;

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cont'd

- (e) each of the spiral-shaped grooves being substantially the same;
  - (f) means for assembling juxtaposed plates to one another; and
  - (g) an insulator in a space between juxtaposed plates.
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